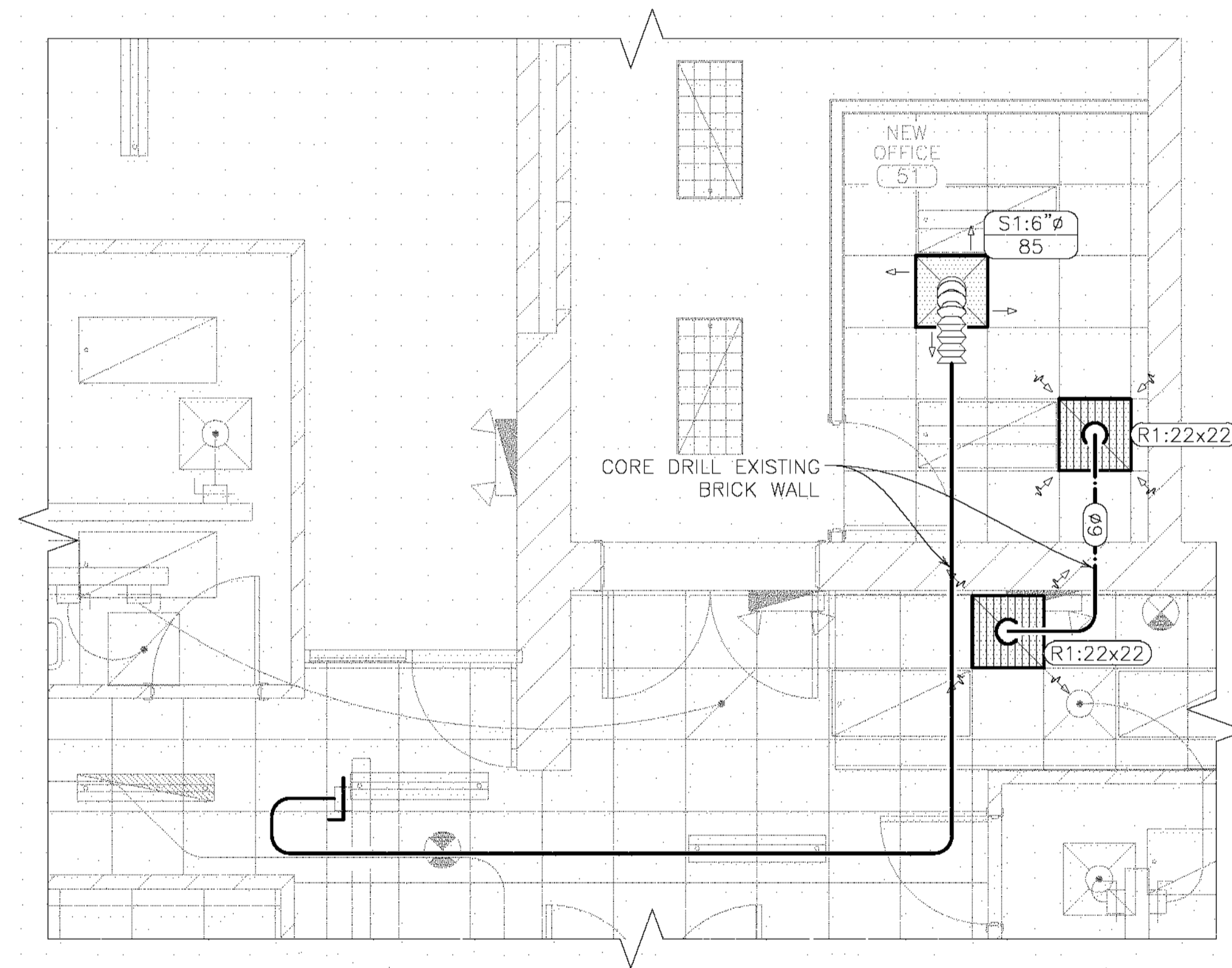
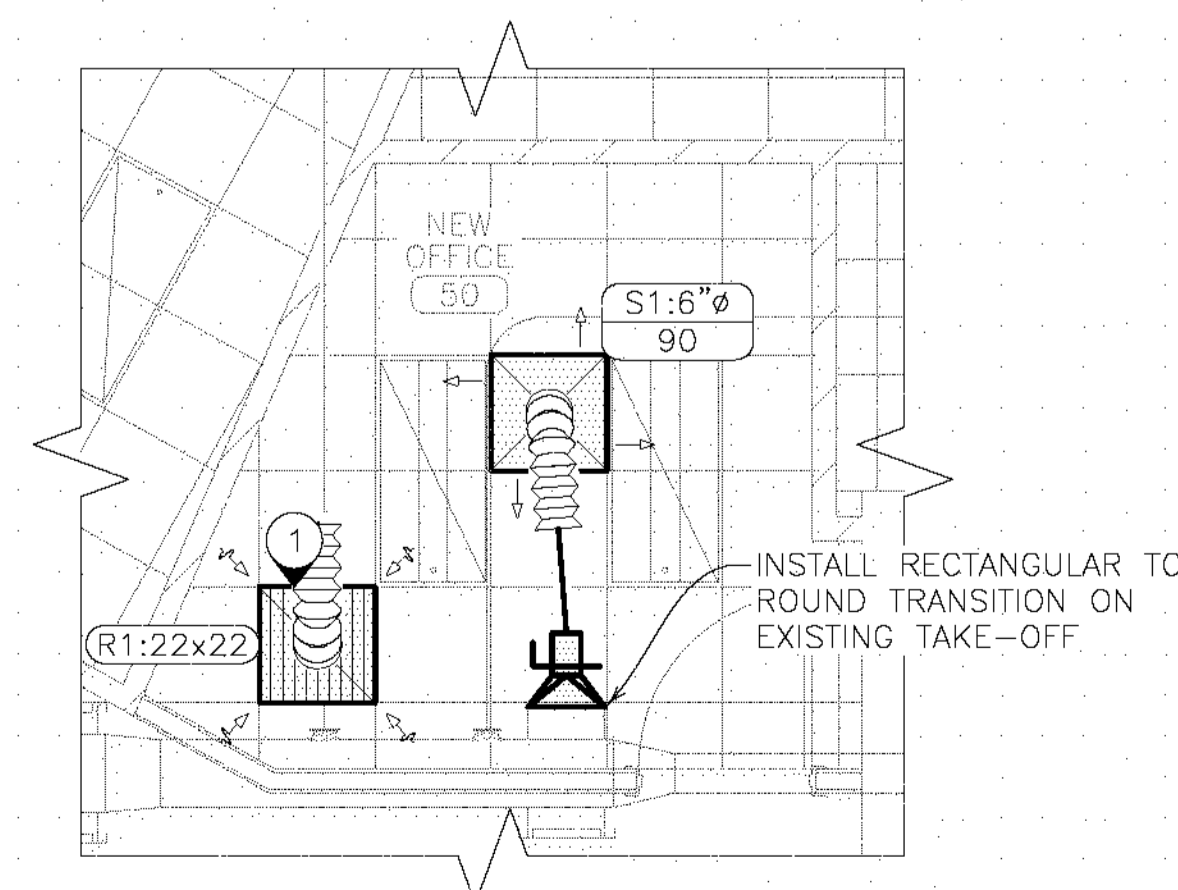


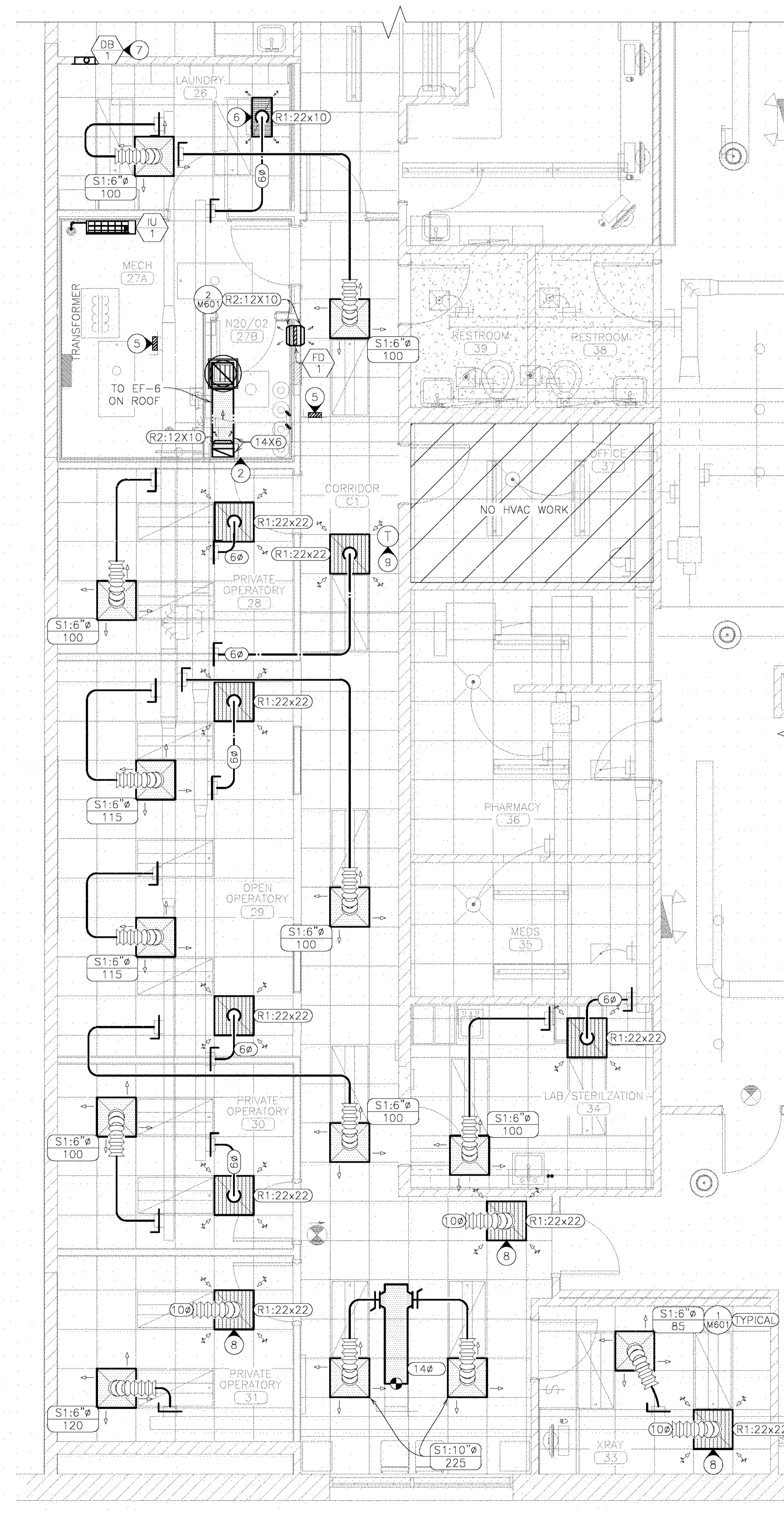
1 FAMILY HEALTH CENTER - PARTIAL ROOF PLAN
SCALE: 1/32"=1'-0"



2 NEW OFFICE - MECHANICAL HVAC PLAN
SCALE: 1/4"=1'-0"



3 NEW CENTRAL OFFICE - MECHANICAL HVAC PLAN
SCALE: 1/4"=1'-0"



4 DENTAL CLINIC - MECHANICAL HVAC PLAN
SCALE: 1/4"=1'-0"

CONSTRUCTION NOTES

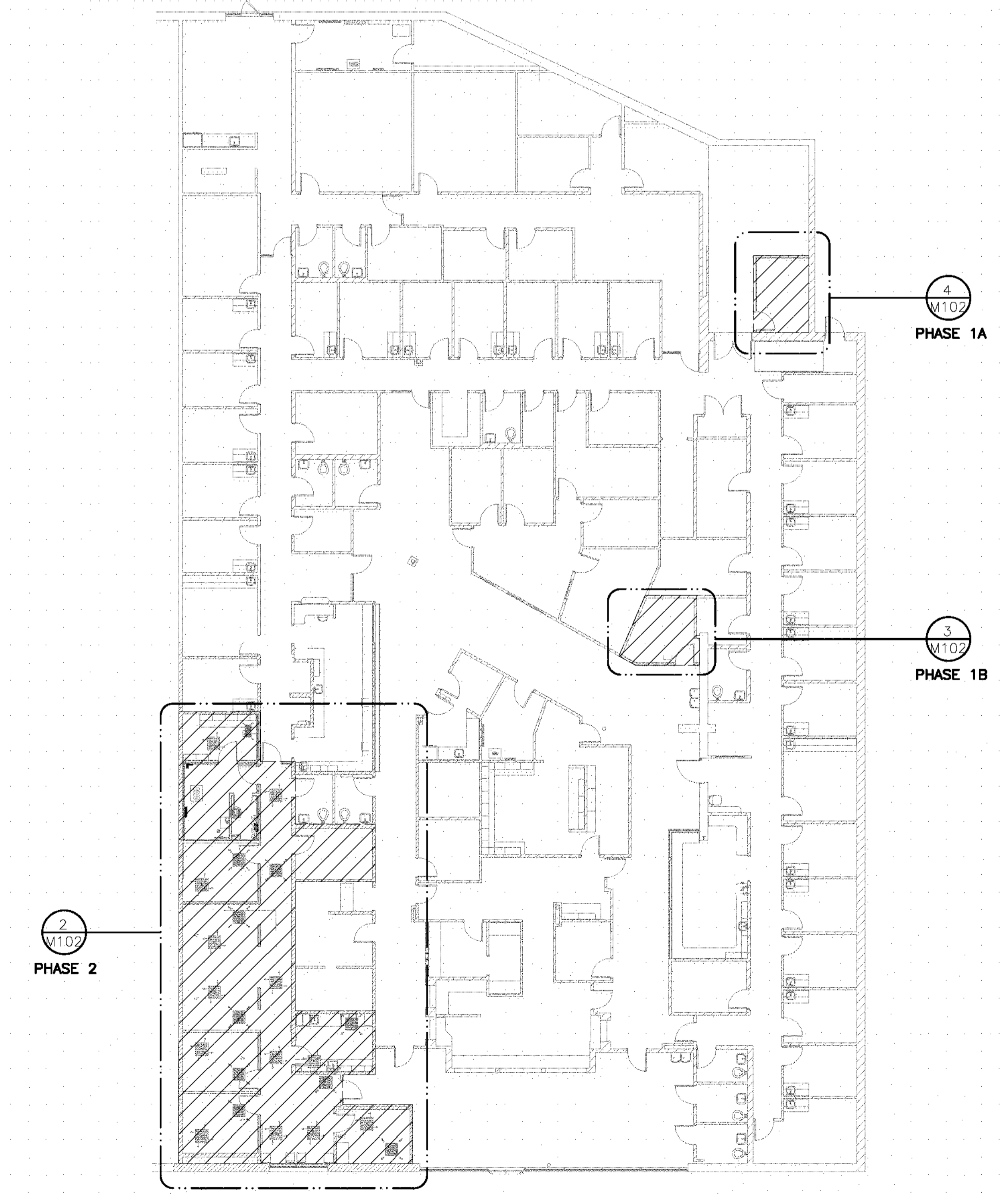
- 1 REFERENCE SHEET M101 FOR GENERAL NOTES.
- 2 MOUNT EXHAUST GRILLE 6 INCHES ABOVE FINISH FLOOR. TRANSITION DUCT HORIZONTALLY ABOVE THE CEILING AS NEEDED. COORDINATE ROOF PENETRATION LOCATION TO AVOID CONFLICT WITH GAS PIPE LOCATED ON THE ROOF AND TO MAINTAIN 10 FEET SEPARATION FROM ROOFTOP UNIT OUTDOOR AIR INTAKE.
- 3 APPROXIMATE LOCATION FOR DV-1, OU-1, AND EF-6 ON ROOF. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE WATER TIGHT SEAL ON ROOF TO KEEP WARRANTY INTACT. ROOF HAS CURRENT WARRANTY WITH CARLISLE SYNTEC, P.O. BOX 7000, CARLISLE, PA 17013 717 245-7000.
- 4 CONNECT EACH NEW DUCT USING EXISTING DUCT TAKE-OFF. INSTALL NEW BALANCE DAMPER BD-1 TO EACH TAKE-OFF. CONNECT TO MAIN DUCT WITH RIGID ROUND. FLEXIBLE DUCT BETWEEN RIGID ROUND AND AIR DEVICES MUST BE NO LONGER THAN 5 FEET.
- 5 INSTALL INTERNALLY INSULATED SHEET METAL CAP FOR UNUSED TAKE-OFF. PROVIDE AIR TIGHT SEAL.
- 6 COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE CEILING GRID CROSS "T" FOR 1/2 SIZE GRILLE AND 1/2 SIZE CEILING TILE.
- 7 ROUTE DRYER DUCT TO DRYER VENT DV-1 LOCATED ON ROOF. REFERENCE NOTE 13 SHEET M101.
- 8 PROVIDE FLEXABOOT MANUFACTURED BY BUILD RIGHT PRODUCTS OR EQUAL TO REDUCE SOUND TRANSMISSION. REFERENCE DETAIL 3 SHEET M601.
- 9 NEW LOCATION FOR EXISTING THERMOSTAT. ROUTE CONTROL WIRES TO NEW THERMOSTAT LOCATION. REFERENCE NOTE 3 SHEET M101.

SEQUENCE OF OPERATION

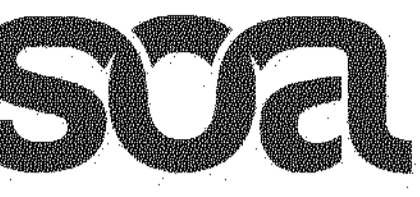
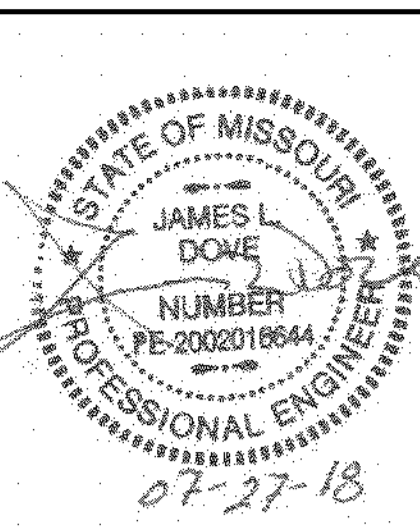
- 9 EXHAUST FAN EF-6 SHALL OPERATE CONTINUOUSLY. COORDINATE WITH ELECTRICAL CONTRACTOR.
- 10 EXISTING HVAC SYSTEM OPERATIONS SHALL NOT BE MODIFIED.

HVAC LEGEND

(T)	THERMOSTAT	—	HVAC EQUIPMENT
(AA/N)	DEVICE SCHEDULE TAG	—	SUPPLY AIR
(N/AA)	DETAIL REFERENCE, NUMBER/SHEET	—	RETURN AIR
(S1:6"φ 50)	SUPPLY AIR DEVICE: SIZE/CFM	—	EXHAUST AIR
(R1:18x30)	RETURN AIR DEVICE: SIZE	—	CONDENSATE DRAIN PIPE
		—	CONNECTION TO EXISTING DUCT
		(12X12)	DUCT SIZE

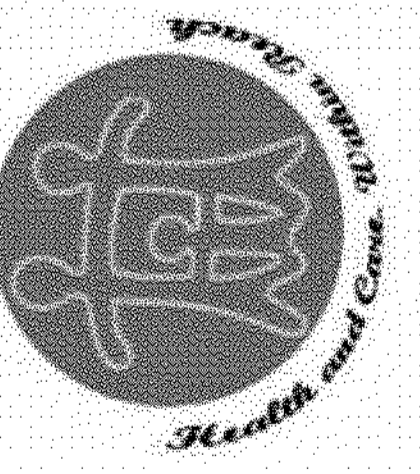


5 FAMILY HEALTH CENTER KEY PLAN
SCALE: 1/16"=1'-0"



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**FAMILY HEALTH CENTER
DENTAL CLINIC RENOVATION**
1001 WEST WORLEY
COLUMBIA, MO 65203



ISSUE FOR CONSTRUCTION

REVISION	DATE
7/27/2018	

MECHANICAL HVAC RENOVATION PLAN

M102

SOA PROJECT 16053

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